

SEQUENCE LISTING

<110> Harper, Jeffrey W.  
Elledge, Stephen J.

<120> F-BOX PROTEINS AND GENES

<130> BCM-03510

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<151> 1997-10-16

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<170> PatentIn Ver. 2.0

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Asp Val Glu Gly Arg Val Val Glu Asn Ile Ser Lys Arg Cys Gly Gly  
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Leu Asn Gly Cys Thr Lys Ile Thr Asp Ser Thr Cys Tyr Ser Leu Ser  
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Glu Ala Leu Val Arg Gly Cys Arg Gly Leu Lys Ala Leu Leu Arg  
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Gly Cys Thr Gln Leu Glu Asp Glu Ala Leu Lys His Ile Gln Asn Tyr  
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 Cys His Glu Leu Val Ser Leu Asn Leu Gln Ser Cys Ser Arg Ile Thr  
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 Asp Glu Gly Val Val Gln Ile Cys Arg Gly Cys His Arg Leu Gln Ala  
 225 230 235 240  
 Leu Cys Leu Ser Gly Cys Ser Asn Leu Thr Asp Ala Ser Leu Thr Ala  
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 Leu Gly Leu Asn Cys Pro Arg Leu Gln Ile Leu Glu Ala Ala Arg Cys  
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 Ala Ser Ser Gly Cys Gly Leu Ser Ser Leu Met Ser Lys Ser Thr Pro  
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 Thr Leu Leu Pro Ser Pro His Arg Gln Gln Trp Gln Glu Val Asp Ser  
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Arg Leu Ala Gln Thr Cys Lys Leu Leu Ser Gln His Cys Cys Asp Pro  
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Leu Gln Tyr Ile His Leu Asn Leu Gln Pro Tyr Trp Ala Lys Leu Asp  
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Asp Thr Ser Leu Glu Phe Leu Gln Ser Arg Cys Thr Leu Val Gln Trp  
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Leu Asn Leu Ser Trp Thr Gly Asn Arg Gly Phe Ile Ser Val Ala Gly  
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Phe Ser Arg Phe Leu Lys Val Cys Gly Ser Glu Leu Val Arg Leu Glu  
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Glu Met Cys Pro Asn Leu Gln Ala Leu Asn Leu Ser Ser Cys Asp Lys  
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Leu Pro Pro Gln Ala Phe Asn His Ile Ala Lys Leu Cys Ser Leu Lys  
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Arg Leu Val Leu Tyr Arg Thr Lys Val Glu Gln Thr Ala Leu Leu Ser  
 195 200 205

Ile Leu Asn Phe Cys Ser Glu Leu Gln His Leu Ser Leu Gly Ser Cys  
210 215 220

Val Met Ile Glu Asp Tyr Asp Val Ile Ala Ser Met Ile Gly Ala Lys  
225 230 235 240

Cys Lys Lys Leu Arg Thr Leu Asp Leu Trp Arg Cys Lys Asn Ile Thr  
245 250 255

Glu Asn Gly Ile Ala Glu Leu Ala Ser Gly Cys Pro Leu Leu Glu Glu  
260 265 270

Leu Asp Leu Gly Trp Cys Pro Thr Leu Gln Ser Ser Thr Gly Cys Phe  
275 280 285

Thr Arg Leu Ala His Gln Leu Pro Asn Leu Gln Lys Leu Phe Leu Thr  
290 295 300

Ala Asn Arg Ser Val Cys Asp Thr Asp Ile Asp Glu Leu Ala Cys Asn  
305 310 315 320

Cys Thr Arg Leu Gln Gln Leu Asp Ile Leu Gly Lys Val Thr Ile Tyr  
325 330 335

Lys Phe Val Leu Asn Val Cys Phe Leu Asp Arg Lys Ala Asn Leu Arg  
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<212> PRT  
<213> Homo sapiens

<400> 55  
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Ile Thr His Leu Pro Pro Glu Val Met Leu Ser Ile Phe Ser Tyr Leu  
35 40 45  
  
Asn Pro Gln Glu Leu Cys Arg Cys Ser Gln Val Ser Met Lys Trp Ser  
50 55 60  
  
Gln Leu Thr Lys Thr Gly Ser Leu Trp Lys His Leu Tyr Pro Val His  
65 70 75 80  
  
Trp Ala Arg Gly Asp Trp Tyr Ser Gly Pro Ala Thr Glu Leu Asp Thr  
85 90 95  
  
Glu Pro Asp Asp Glu Trp Val Lys Asn Arg Lys Asp Glu Ser Arg Ala  
100 105 110  
  
Phe His Glu Trp Asp Glu Asp Ala Asp Ile Asp Glu Ser Glu Glu Ser  
115 120 125  
  
Ala Glu Glu Ser Ile Ala Ile Ser Ile Ala Gln Met Glu Lys Arg Leu  
130 135 140  
  
Leu His Gly Leu Ile His Asn Val Leu Pro Tyr Val Gly Thr Ser Val  
145 150 155 160  
  
Lys Thr Leu Val Leu Ala Tyr Ser Ser Ala Val Ser Ser Lys Met Val  
165 170 175  
  
Arg Gln Ile Leu Glu Leu Cys Pro Asn Leu Glu His Leu Asp Leu Thr  
180 185 190  
  
Gln Thr Asp Ile Ser Asp Ser Ala Phe Asp Ser Trp Ser Trp Leu Gly  
195 200 205  
  
Cys Cys Gln Ser Leu Arg His Leu Asp Leu Ser Gly Cys Glu Lys Ile  
210 215 220  
  
Thr Asp Val Ala Leu Glu Lys Ile Ser Arg Ala Leu Gly Ile Leu Thr  
225 230 235 240  
  
Ser His Gln Ser Gly Phe Leu Lys Thr Ser Thr Ser Lys Ile Thr Ser  
245 250 255  
  
Thr Ala Trp Lys Asn Lys Asp Ile Thr Met Gln Ser Thr Lys Gln Tyr  
260 265 270

Ala Cys Leu His Asp Leu Thr Asn Lys Gly Ile Glu Glu Ile Asp  
 275 280 285  
 Asn Glu His Pro Trp Thr Lys Pro Val Ser Ser Glu Asn Phe Thr Ser  
 290 295 300  
 Pro Tyr Val Trp Met Leu Asp Ala Glu Asp Leu Ala Asp Ile Glu Asp  
 305 310 315 320  
 Thr Val Glu Trp Arg His Arg Asn Val Glu Ser Leu Cys Val Met Glu  
 325 330 335  
 Thr Ala Ser Asn Phe Ser Cys Ser Thr Ser Gly Cys Phe Ser Lys Asp  
 340 345 350  
 Ile Val Gly Leu Arg Thr Ser Val Cys Trp Gln Gln His Cys Ala Ser  
 355 360 365  
 Pro Ala Phe Ala Tyr Cys Gly His Ser Phe Cys Cys Thr Gly Thr Ala  
 370 375 380  
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 385 390 395 400  
 Ala Ala Arg Thr Arg Leu Pro Arg Gly Lys Asp Leu Ile Tyr Phe Gly  
 405 410 415  
 Ser Glu Lys Ser Asp Gln Glu Thr Gly Arg Val Leu Leu Phe Leu Ser  
 420 425 430  
 Leu Ser Gly Cys Tyr Gln Ile Thr Asp His Gly Leu Arg Val Leu Thr  
 435 440 445  
 Leu Gly Gly Gly Leu Pro Tyr Leu Glu His Leu Asn Leu Ser Gly Cys  
 450 455 460  
 Leu Thr Ile Thr Gly Ala Gly Leu Gln Asp Leu Val Ser Ala Cys Pro  
 465 470 475 480  
 Ser Leu Asn Asp Glu Tyr Phe Tyr Tyr Cys Asp Asn Ile Asn Gly Pro  
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 <212> DNA  
 <213> Homo sapiens

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 gaatgggtga aaaataggaa agatgaaagt cgtgctttc atgagtggga tgaagatgct 360  
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<211> 39

<212> PRT

<213> *Homo sapiens*

<400> 57

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35

<210> 58

<211> 11)

<212> DNA

<213> Homo sapiens

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic

<400> 60

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Met Lys Asp Glu Glu

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